

Submitted by: ISK

Sheet 1 of 11

Ivan S. Kavrukov, Reg. No. 25,161

Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Application No. 10/530,447	Filing Date October 31, 2005
	First Named Inventor: Zengpin YU	
	Art Unit: 2624	
	Examiner Name John B. Stroege	
	Atty. Docket No. 2692/71601-PCT-US	

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Relevant Pages, Lines, etc.
		3 5 5 6 0 8 1	1/19/1971	Jones	
		3 7 6 5 4 0 3	10/16/1973	Brenden	
		4 1 6 7 1 8 0	9/11/1979	Kossoff	
		4 2 8 2 8 8 0	8/11/1981	Gardineer et al.	
		4 2 9 8 0 0 9	11/3/1981	Mezrich et al.	
		4 4 7 8 0 8 4	10/23/1984	Hassler et al.	
		4 4 8 5 8 1 9	12/4/1984	Igl	
		4 7 2 2 3 4 5	2/2/1988	Ueno et al.	
		4 7 2 9 0 1 9	3/1/1988	Rouvrais	
		4 7 9 6 6 3 2	1/10/1989	Boyd et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document Country Code, Number, Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Relevant Pages, Lines, etc.	Translation	
						Yes	No
		W O 8 3 /0 20 5 :3 A1	6/23/1983				
		W O 9 4 /2 1 1 8 9	9/29/1994	SIEMENS AG			
		E P 0 8 8 2 4 2 6	12/9/1998	ADVANCED TECHNOLOGY LABORATORIES, INC.			
		DE 19 7 5 3 5 7 1 A1	6/17/1999				
		E P 0 7 3 0 4 3 1	3/29/2000	UNITED STATES SURGICAL CORPORATION			

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, symposium, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
		Bassett, L., "Automated and Hand-Held Breast US: Effect on Patient Management", Radiology 165, pages 103-108 (1987)	
		Buchberger, W., et al., "Incidental Findings on Sonography of the Breast: Clinical Significance And Diagnostic Workup", American Journal of Radiology (AJR) 173, pages 921-927 October 1999.	
		Carson, P. et al., "Lesion Detectability in Ultrasonic Computed Tomography of Symptomatic Breast Patients", Investigative Radiology, Vol. 23, No. 6, pages 421-427, June 1998.	

EXAMINER

DATE CONSIDERED

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		4 9 3 0 1 4 3	5/29/1990	Lundgren et al.	
		5 0 7 8 1 4 2	1/7/1992	Siczek et al.	
		5 0 7 9 6 9 8	1/7/1992	Grenier et al.	
		5 0 9 9 8 4 8	3/31/1992	Parker et al.	
		5 1 3 3 0 2 0	7/21/1992	Giger et al.	
		5 3 4 6 0 5 7	9/13/1994	Fisher et al.	
		5 3 7 9 7 6 9	1/10/1995	Ito et al.	
		5 3 9 6 8 9 0	3/14/1995	Weng	
		5 4 1 3 2 1 1	5/9/1995	Faulkner	
		5 4 3 3 2 0 2	7/18/1995	Mitchell et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document Country Code, Number, Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Relevant Pages, Lines, etc.	Translation
		DE 19 9 0 2 5 2 1 A1	7/27/2000			Yes No
		W O 0 3 /1 0 35 00 A1	12/18/2003			
		JP 20 03 -3 1 0 6 1 4	11/5/2003			Abstract

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, symposium, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
		Chen et al., "Computer-aided Diagnosis Applied to US of Solid Breast Nodules by Using Neural Networks", Radiology, pages 407-412, November 1999.	
		Cheng et al., "Automated Detection of Breast Tumors in Ultrasonic Images Using Fuzzy Reasoning", Proceedings of the IEEE Computer Society International Conference on Image Processing Volume III, pages 420-423, October 26-29, 1997.	
		Dawant, Benoit M. et al., "Image Segmentation", Handbook of Medical Imaging, Volume 2: Medical Image Processing and Analysis, Sonka and Fitzpatrick, eds., Chapter 2, pages 98-101, SPIE Press, 2000.	
		Giger et al., "Computer-Aided Diagnosis in Mammography", Handbook of Medical Imaging, Volume 2: Medical Image Processing and Analysis, Sonka and Fitzpatrick, Chapter 15, pages 915-1004, SPIE Press 2000.	

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		5 4 7 9 9 2 7	1/2/1996	Shmulewitz			
		5 4 8 8 9 5 2	2/6/1996	Schoolman			
		5 4 9 1 6 2 7	2/13/1996	Zhang et al.			
		5 5 0 3 1 5 2	4/2/1996	Oakley et al.			
		5 5 1 1 0 2 6	4/23/1996	Cleveland et al.			
		5 6 0 3 3 2 6	2/18/1997	Richter			
		5 6 4 0 9 5 6	6/24/1997	Getzinger et al.			
		5 6 6 0 1 8 5	8/26/1997	Schmulewitz et al.			
		5 6 6 2 1 0 9	9/2/1997	Hutson			
		5 6 6 4 5 7 3	9/9/1997	Schmulewitz			
FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.	Foreign Patent Document Country Code, Number, Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Relevant Pages, Lines, etc.	Translation	
		W O 0 2 /1 7 7 9 2	3/7/2002	RUSINOVIC-SUNARA, Dula		Yes	No
		W O 20 04 /0 64 64 4 A1	8/5/2004				
NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, symposium, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					T
		Heywang-Kobrunner, Dershaw and Schreer, Diagnostic Breast Imaging, pages 87-102, Thieme Publishers 2001.					
		Jackson, Valerie P., "Controversies in Ultrasound Screening", Society of Breast Imaging 5 th Postgraduate Course, May 16-19, 2001, Sheraton Harbor Island, San Diego, CA, pages 93-95, May 16, 2001.					
		Jalali, "Sound Combination: Ultrasound Paired With Mammography Can Improve Cancer Detection for Dense-Breasted Women", ADVANCE for Administrators In Radiology and Radiation Oncology, pages 68-70, March 1999.					
		Kopans, D. et al., "Whole-Breast US Imaging: Four Year Follow-Up", Radiology 157: 505-507, 1985.					
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		5 6 7 1 2 9 4	9/23/1997	Rogers et al.			
		5 6 6 2 1 0 9	9/27/1997	Hutson			
		5 6 7 3 3 3 2	9/30/1997	Nishikawa et al.			
		5 7 2 9 6 2 0	3/17/1998	Wang			
		5 7 3 4 3 8 4	3/31/1998	Yanof et al.			
		5 7 7 9 6 4 1	7/14/1998	Hatfield et al.			
		5 7 9 0 6 9 0	8/4/1998	Doi et al.			
		5 8 0 3 0 8 2	9/8/1998	Stapleton et al.			
		5 8 1 5 5 9 1	9/29/1998	Roehrig et al.			
		5 8 2 0 5 5 2	10/13/1998	Crosby et al.			
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		Kopans, "Breast Cancer Screening With Ultrasonography", Lancet, Vol. 354, pages 2096-2097, December 18/25, 1999.					
		LABSONICS, Inc., "LABSONICS Ultrasound Breast Scanner: Accurate, High-Performance Investigation of the Breast for Confident Diagnosis", 8-page product brochure from LABSONICS, Inc., Mooresville, Indiana, 1983.					
		Lehman et al., "Effect of Age and Breast Density on Screening Mammograms with False-Positive Findings", American Journal of Radiology (AJR) 173: 1651-1655, December 1999.					
		LORAD, a Hologic Company, "Fully Automatic Self-Adjusting Tilt Compression Plate", 3-page product description downloaded and printed on 5/22/2002 from www.loradmedical.com/p225.html .					
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		5 8 2 8 7 7 4	10/27/1998	Wang			
		5 8 3 3 6 2 7	11/10/1998	Shmulewitz et al.			
		5 8 4 0 0 3 2	11/24/1998	Hatfield et al.			
		5 8 5 1 1 8 0	12/22/1998	Crosby et al.			
		5 8 6 5 7 5 0	2/2/1999	Hatfield et al.			
		5 8 9 9 8 6 3	5/4/1999	Hatfield et al.			
		5 9 0 4 6 5 3	5/18/1999	Hatfield et al.			
		5 9 1 7 9 2 9	6/29/1999	Marshall et al.			
		5 9 1 9 1 3 9	7/6/1999	Lin			
		5 9 3 5 0 7 1	8/10/1999	Schneider et al.			
FOREIGN PATENT DOCUMENTS							
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		Lowers, J., "Experimental Modes Abound for Detecting Breast Cancer: Vibrational Resonance Technique Among the Contenders", Women's Health Supplement to Diagnostic Imaging, pages 15-17, April 2001.					
		McKnoulty, L., "Ultrasound has Unique Strengths In Breast Imaging", 3-page printout from www.auntminnie.com one 3/1/2002, January 2002.					
		McSweeney, M. et al., "Whole Breast Sonography," Radiologic Clinics of North America, Vol. 23, No. 1, pp. 157-167, March 1985.					
		Mendelson, Ellen B., "Current Status of Breast US", RSNA Categorical Course In Breast Imaging, pages 295-309, 1999.					
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		5	9	3	4	2	8	8	8/10/1999	Avila et al.		
		5	9	5	4	6	5	0	9/21/1999	Saito et al.		
		5	9	6	4	7	0	7	10/12/1999	Fenster et al.		
		5	9	8	3	1	2	3	11/9/1999	Schmulewitz		
		5	9	8	4	8	7	0	11/16/1999	Giger et al.		
		5	9	9	7	4	7	7	12/7/1999	Sehgal		
		6	0	2	7	4	5	7	2/22/2000	Shmulewitz et al.		
		6	0	2	9	7	9	7	2/29/2000	Olsson		
		6	0	3	5	0	5	6	3/7/2000	Karssemeijer		
		6	0	5	9	7	2	7	5/9/2000	Fowlkes et al.		
FOREIGN PATENT DOCUMENTS												
Examiner Initials*	Cite No.	Foreign Patent Document Country Code, Number, Kind Code (if known)						Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Relevant Pages, Lines, etc.	Translation	
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		Qayyum, A. et al., "MR Imaging Features of Infiltrating Lobular Carcinoma of the Breast: Histopathologic Correlation", American Journal of Radiology (AJR) 178: 1227-1232, May 2002										
		Rahbar, G. et al., "Benign Versus Malignant Solid Breast Masses: US Differentiation", Radiology 213:889-894, 1999.										
		Rapp, Cynthia L., "Breast Ultrasound", Lecture Notes for EDA AHP 230-0406, Health & Sciences Television Network, Primedia Healthcare, Carrollton TX, March 2000.										
		Richter, K. et al., "Quantitative Parameters Measured by a New Sonographic Method for Differentiation of Benign and Malignant Breast Disease", Investigative Radiology, Vol. 30, No. 7, pages 401-411, July 1995.										
EXAMINER		DATE CONSIDERED										
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.												

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		6 0 6 8 5 9 7	5/30/2000	Lin	
		6 0 7 5 8 7 9	6/13/2000	Roehrig et al.	
		6 0 9 1 8 4 1	7/18/2000	Rogers et al.	
		6 1 0 2 8 6 6	8/15/2000	Nields et al.	
		6 1 0 2 8 6 1	8/15/2000	Avila et al.	
		6 1 1 7 0 8 0	9/12/2000	Schwartz	
		6 1 2 3 7 3 3	9/26/2000	Dalton	
		6 1 5 7 6 9 7	12/5/2000	Mertelmeier et al.	
		6 1 5 5 9 7 8	12/5/2000	Cline et al.	
		6 1 7 8 2 2 4	1/23/2001	Policher et al.	
		6 1 8 1 7 6 9	1/30/2001	Hoheisel et al.	
		6 1 9 0 3 3 4	2/20/01	Lasky et al.	

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		Richter, K. et al., "Detection of Diffuse Breast Cancers with a New Sonographic Method", J. Clinical Ultrasound 24: pages 157-168, May 1996.	
		Richter, K. et al., "Differentiation of Breast Lesions by Measurements Under Craniocaudal and Lateromedial Compression Using a New Sonographic Method", Investigative Radiology, Vol. 31, No. 7, pages 401-414, July 1996.	
		Richter, K. et al., "Description and First Clinical Use of a New System for Combined Mammography and Automated Clinical Amplitude/Velocity Reconstructive Imaging Breast Sonography", Investigative Radiology, Vol. 32, No. 1, pages 19-28, January 1997.	
		Richter, K. et al., "Detection of Malignant and Benign Breast Lesions with an Automated US System: Results in 120 Cases", Radiology 205: pages 823-830, December 1997.	

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		6 1 9 8 8 3 8	3/6/2001	Roehrig et al.	
		6 2 3 7 7 5 0	5/29/2001	Damkjaer et al.	
		6 2 4 6 7 8 2	6/12/2001	Shapiro et al.	
		6 2 5 4 5 3 8	7/3/2001	Downey et al.	
		6 2 6 3 0 9 2	7/17/2001	Roehrig et al.	
		6 2 6 6 4 3 5	7/24/2001	Wang	
		6 2 6 9 5 6 5	8/7/2001	Inbar et al.	
		6 2 7 8 7 9 3	8/21/2001	Gur et al.	
		6 2 7 7 0 7 4	8/21/2001	Chaturvedi et al.	
		6 2 8 2 3 0 5	8/28/2001	Huo et al.	
		6 3 0 1 3 7 8	10/9/2001	Karssemeijer et al.	
		6 3 1 1 4 1 9	11/6/2001	Inbar	

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		Russ, "The Image Processing Handbook, 3 rd Edition", CRC Press/IEEE Press, page 264, 1998.	
		Schreiman, J. et al., "Ultrasound Transmission Computed Tomography of the Breast", Radiology 150; pages 523-530, 1984.	
		Singh, S. and Al-Mansoori, R., "Identification of Regions of Interest in Digital Mammograms", J. Intelligent Systems 10:2, 2000.	
		Smith, D., "Breast Ultrasound", Radiologic Clinics of North America, Vol. 39, No. 3, pages 485-497, May 2001.	

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		6 3 1 7 6 1 7	11/13/2001	Gilhuijs et al.	
		6 3 3 4 8 4 7	1/1/2002	Fenster et al.	
		6 3 7 7 8 3 8	4/23/2002	Iwanczyk et al.	
		6 3 8 5 4 7 4	5/7/2002	Rather et al.	
		6 3 9 6 9 4 0	5/28/2002	Carrott et al.	
		6 4 1 3 2 1 9	7/2/2002	Avila et al.	
		6 4 5 0 9 6 2	9/17/2002	Brandl et al.	
		6 4 5 9 9 2 5	10/1/2002	Nields et al.	
		6 4 6 1 2 9 8	10/8/2002	Fenster et al.	
		20 02 /0 17 37 2 2	11/21/2002	Hocter et al.	
		20 03 /0 00 08 10 A1	1/2/2003	Hansen et al.	
		20 03 /0 00 75 98 A1	1/9/2003	Wang et al.	

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		"Ultrasound RSNA Preview: Productivity and Ease of Use Dominate New Ultrasound Products", Medical Imaging, pages 55-56, November 1999.	
		Zonderland, H. et al., "Diagnosis of Breast Cancer: Contribution of US as an Adjunct of Mammography", Radiology 213: 413-422, 1999.	
		Medison Image Gallery, five (5) selected pages from www.medison.com , printed 10-10-2001.	
		FOSTER, F.S. et al., "The Ultrasound Macroscopic: Initial Studies of Breast Tissue", Ultrasonic Imaging USA, vol. 6, no. 3, July 1984, pp. 243-261	

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DATE CONSIDERED

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		First Named Inventor: Zengpin YU	
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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Relevant Pages, Lines, etc.
		20 03 /0 01 54 06 A1	1/23/2003	Guldenfels et al.	
		6 5 2 4 2 4 6	2/25/2003	Kelly et al.	
		6 5 3 0 8 8 5	3/11/2003	Entrekin et al.	
		6 5 7 4 4 9 9	6/3/2003	Dines et al.	
		20 03 /0 18 18 01 A1	9/25/2003	Lasser et al.	
		6 6 2 8 8 1 5	9/30/2003	Wang	
		6 6 3 0 9 3 7	10/7/2003	Kallergi et al.	
		20 03 /0 19 41 21 A1	10/16/2003	Eberhard et al.	
		6 6 3 6 5 8 4	10/21/2003	Johnson et al.	
		20 03 /0 21 23 27 A1	11/13/2003	Wang et al.	
		20 04 /0 01 50 80 A1	1/22/2004	Kelly et al.	
		6 6 8 2 4 8 4	1/27/2004	Entrekin et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document Country Code, Number, Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Relevant Pages, Lines, etc.	Translation
						Yes No

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, symposium, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
		European Search Report dated January 29, 2007 in connection with counterpart European patent application no. 03 73 4336	
		December 28, 2005 International Search Report and Written Opinion in connection with International Application No. PCT/US05/19604	
		International Search Report in PCT/US03/37600	

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